# Jaden Bruha

## NEW GRAD - SOFTWARE ENGINEER - 22 YO

## CONTACT

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Portfolio - jadenbruha.com
Github - github.com/bassnp

## EDUCATION

**B.S. Computer Science**
California State University, Sacramento
*December 2025*

## TECHNICAL SKILLS

### PRIMARY LANGUAGES
`Python` `Lua` `TypeScript`
`JavaScript` `Java` `Dart`

### SECONDARY LANGUAGES
`C/C++` `C#` `Assembly` `Cuda`

### FRAMEWORKS
`FastAPI` `Next.js` `React`
`Flutter` `LangChain`

### AI & ML
`LangGraph` `Google Gemini`
`OpenAI API` `RAG Systems`
`MCP Servers` `Agent Harnesses`

### DEVOPS & CLOUD
`CI/CD` `Jira` `Git` `Docker`
`Firebase` `MongoDB` `Excel Sheets`

## LEARNED ATTRIBUTES

Agile & Scrum
Team Collaboration
Comprehensive Unit Testing
Technical Documentation

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## PROFESSIONAL SUMMARY

Full-stack engineer (B.S. Computer Science, Dec 2025) w/ software experience; Cross-platform application development, AI-powered & Agentic systems, Cloud Microservices. Delivered production-grade software to clients, developed graph-based research agents, freelanced since high school, generated $6k in Team freelanced revenue. Coding since a freshman in highschool at the age of 14.

## FEATURED PROJECTS - SEE PORTFOLIO WEBSITE

### ChurchLink - Web & App Builder Platform
*Jan 2025 - Dec 2025*
Senior Graduation Project · Team of 6 · Client Delivery

- Developed Vite+FastAPI servers with Firebase/MongoDB sync across web and mobile clients
- Implemented multi-language localization with per-feature translation management
- Integrated PayPal payment processing for donations and event registration

`Python` `Flutter` `TypeScript` `FastAPI` `Firebase` `MongoDB` `PayPal`

### GenUI Deep Researcher Agent
*Nov 2025*
Microservice Project · AI Web Crawler

- Designed LangGraph pipeline for web analysis and dynamic UI report generation
- Integrated Google CSE API with parallel search+scoring for result ranking
- Implemented agentic workflow with assessment & circuit breaking for accuracy tolerance

`Google Gemini` `LangGraph` `Firebase` `FastAPI` `Redis` `Docker` `SSE Sockets`

### Zharvis - AI Hud Overlay
*Sep 2025 - Current*
WIP SaaS Product · Overwolf Marketplace

- Built RAG pipeline for CSE wiki crawling for accurate information retrieval
- Built custom MCP server enabling Gemini AI tool calling for Generative UI HUD components
- Designed horizontally-scalable Docker instances enabling a scalable product

`MCP` `Google Gemini` `Overwolf SDK` `LangChain` `TypeScript` `Docker` `Litestar`

### Interactive Web Portfolio
*Dec 2025*
Full-Stack SSG Application · Assessment Agent

- Developed Next.js + React Static Site with modern UI practices and custom components
- Built SSE streaming backend for a real-time multi-phase agentic pipeline with chain-of-thought insight
- Implemented SPOT architecture for simple profile configuration

`Next.js` `React` `Tailwind` `Radix UI` `LangGraph` `FastAPI` `Docker`

### Game Modding Freelancing & SaaS
*Aug 2022 - Jun 2023*
Team Freelancing · $6k Revenue

- Co-Led team of 3 developers to build, sell, and freelance videogame mods via community engagement
- Primarily developed CS:GO Lua scripts for servside + clientside gameplay mods & plugins

`Lua` `Team Freelancing` `SaaS`

### Ethereum GPU Miner
*Feb 2022 - Sept 2023*
Personal Project · Profitable Rig Building

- Assembled 7-GPU rig (Nvidia/AMD) achieving ~190 MH/s blockchain hashrate
- Generated ~$125/month passive income for my early college years before the Ethereum Merge ended Proof of Work mining

`Blockchain` `GPU Parallelism` `Hardware`